

# memorandum

DATE: March 29, 2005

REPLY TO: Office of Air, Water and Radiation Protection Policy and Guidance (EH-41):Boulos:6-1306  
ATTN OF:

SUBJECT: Information - Clean Air Act Notice of Acceptability of Substitutes for Ozone-depleting Substances

TO: Distribution

On October 1, 2004, the Environmental Protection Agency (EPA) issued a Notice of acceptability in the Federal Register (69 FR 58903) on "Protection of Stratospheric Ozone: Notice 19 for Significant New Alternatives Policy Program." The notice is available at the Office of Environmental Policy and Guidance (EH-41) Web site at: <http://www.eh.doe.gov/oepa/rules/69/69fr58903.pdf>.

Under Section 612 of the Clean Air Act, EPA established the Significant New Alternatives Policy (SNAP) program. SNAP's mandate is to identify alternatives to ozone-depleting substances (ODS) and to publish lists of acceptable and unacceptable substitutes. Comprehensive SNAP lists can be obtained through EPA's Stratospheric Ozone Protection Hotline at: 1-800-296-1996. Also, a complete chronology of SNAP decisions can be found at: <http://www.epa.gov/docs/ozone/snap/chron.html>.

This notice:

1. Expands the list of acceptable substitutes for ODS under the EPA's SNAP program. New substitutes are identified and discussed for the refrigeration and air conditioning, solvents cleaning, fire suppression and explosion protection, and sterilants sectors. Appendix A of this notice provides a summary of acceptable decisions;
2. Clarifies the status of whether hydrochlorofluorocarbon (HCFC)-142b may be sold in aerosol products as a substitute for HCFC-141b. The EPA concluded that HCFC-142b is not currently legal to sell as an aerosol solvent as a substitute for HCFC-141b or chlorofluorocarbon (CFC)-113;
3. Revises the global warming potential - based on new information - of C6-perfluoroketone, a substitute previously listed as acceptable for use in fire suppression and explosion protection. The corrected values are listed in Appendix B of this notice. This finding does not change the EPA acceptability for use of C6-perfluoroketone as a substitute for halon 1301 in total flooding fire suppression applications; and
4. Clarifies a statement from the previous notice of acceptability of August 21, 2003, (68 FR 50533), page 50535, regarding a refrigerant RS-44, "RS-44 is a substitute for HCFC-22, not for CFC-12."

Questions on the final rule can be directed to Mr. Emile Boulos of my staff at:  
[emile.boulos@eh.doe.gov](mailto:emile.boulos@eh.doe.gov); 202-586-1306.

A handwritten signature in black ink, appearing to read 'A. Wallo'.

Andrew Wallo  
Director  
Office of Air, Water and Radiation  
Protection Policy and Guidance